

TOPSOIL
ITEM 205

WORK INCLUDED: (Sec. 01) Reclaim and/or procure, haul and place topsoil over the areas wherever required for the proper completion of the work.

RELATED WORK: (Sec. 02) Furnished/paid for in respective Item (as applicable)

Seeding

DESCRIPTION: (Sec. 03) In general, the areas requiring topsoil for sewers, storm drains and water line construction shall be calculated within the pay limits of the trench, and the construction area around lift and booster pump stations. Plant construction shall require topsoil over the construction area and where fill has been added.

MEASUREMENT/PAYMENT: (Sec. 04) Measurement for payment shall be the number of cubic yards of topsoil actually placed according to the specified areas and grades.

PART 2 - PRODUCTS

MATERIALS: (Sec. 05) The material shall consist of loose, friable, loamy topsoil without admixture of subsoil or refuse. for topsoil to be considered loamy, that fraction passing the Number 10 sieve shall contain not more than 40 percent clay.

Acceptable topsoil shall contain not less than five percent nor more than 20 percent organic matter as determined by loss on ignition of the samples oven dried to constant weight at 212 degrees Fahrenheit.

Use such suitable topsoil as may be encountered in the excavations, and which is stockpiled for the purpose. In case suitable topsoil is not available in sufficient quantity from excavations, obtain topsoil from such other areas of the site as shall be designated, or if none is designated, obtain elsewhere. The reclaiming, hauling, and procurement, if necessary, shall be included in this Item.

PART 3 - EXECUTION

PREPARATION OF SUBGRADE: (Sec. 06) Immediately prior to the placing of topsoil, complete the subgrade within the area to be covered with topsoil and bring the subgrade to the lines parallel to the proposed finished grade. Clear the subgrade of rock or other foreign material three inches or greater in any diameter. Rake or scarify the surface of the subgrade to a minimum depth of one inch.

PLACING: (Sec. 07) Place topsoil three (3") inches in thickness before compaction unless indicated otherwise on the Drawing or in the proposal. Rake the area, remove all lumps and stones three inches and over and roll with a light roller to secure smoothness to the lines and grades indicated on the Drawings.

Repair any settling or erosion which may occur before the completion of the Contract in a satisfactory manner.

Restore areas outside of the permanent rights-of-way and where the natural surface has been disturbed for the convenience of the Contractor to its original condition and if topsoil is required, it shall be done at the Contractor's expense.